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TITLE : REFORMING CATALYST OF METHANOL

ABSTRACT : PURPOSE: To obtain a titled catalyst having high activity at low temp. and long life whereby  $H_2$  and CO are produced highly selectively by depositing at least one kind of noble metal on the alumina carrier previously covered with zinc oxide and/or chromium oxide.

CONSTITUTION: At least one kind of noble metal such as platinum and Pd is deposited on the alumina carrier previously covered with zinc oxide and/or chromium oxide. The amount of zinc oxide and/or chromium oxide covering the alumina carrier is preferably within the range of 0.05~50wt%. The deposited amount of at least one kind of noble metal such as platinum and Pd is preferably within the range of 0.01~10wt%. The catalyst obtained by said process is highly selective for the reaction wherein methanol is decomposed to the gas containing  $H_2$  and CO, and is highly active and has extremely excellent durability.

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